## LIST OF TABLES

TABI	LE	Page
Al.	Quantitative analysis for 22 elements on 360 sediment	
	subsamples from 198 sample stations within the Albemarle	
	Sound estuarine system	4
A2.	Classification of degree of contamination for each	
	estuarine area of Albemarle Sound with respect to the 15	
	trace elements analyzed	
в1.	Drainage basins of the Albemarle-Pamlico estuarine system	15
B2.	Land use within the Albemarle Sound estuarine system	17
вз.	Ability of the Roanoke River Basin in North Carolina to	
	support the designated water quality uses along with	
	source of contaminants for that 54% of the Roanoke River	
	mileage classified as partially or totally degraded	
В4.	List of pertinent water-quality and sediment-quality	
	investigations for various portions of the Albemarle	
	Sound estuarine system	
B5.	Federal standards for elemental concentrations in	23
	drinking water	27
в6.		
	Concentrations of metals in sewage sludge	
B7. B8.	Concentrations of metals in urban storm-water runoff	30
	Combined effluent flow and pollutant loads for 23 major	
	waste water dischargers in the Neuse River drainage basin	
	from 4/89 through 3/90	33
в9.	Comparison between detection limits for trace metal	
	samples from North Carolina rivers and average metal	
	concentrations in the Mississippi River	34
C1.	Distribution and numbers of sediment samples collected	
	in the Albemarle Sound estuarine system for subsequent	
	sediment and elemental analyses	39
22.	Analytical data obtained for 30 elements in this study	48
с3.	Analytical wavelengths (in nm) for 21 elements analyzed	
	by ICAPES and included in this report	58
C4.	Samples analyzed by ICAPES for Albemarle Sound and the	
	North Landing River in Currituck Sound	58
C5.	Quality assurance data for ICAPES and AAS determinations	
	for samples from the Albemarle Sound estuarine and North	
	Landing River studies (this report) as compared to similar	
	data from the Pamlico River (Riggs et al., 1989b) and	
	Neuse Piver (Piggs et al., 1989b) and	
C6.	Neuse River (Riggs et al., 1991) studies	60
C6.	Percent recovery of NIST SRM 1646 Estuarine Standard data	
	for ICAPES and AAS determinations for samples from the	
	Albemarle Sound estuarine and North Landing River studies	
	(this report) as compared to similar data from the Pamlico	
	River (Riggs et al., 1989b) and Neuse River (Riggs et al.,	
	1991) studies	61